1. $x^2 - 32x + 252 = 0$
   $y^2 - 28y + 192 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

2. $x^2 - 32x + 247 = 0$
   $y^2 - 22y + 117 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

3. $x^2 + 29x + 208 = 0$
   $y^2 + 19y + 78 = 0$
   A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

4. **$x^2 - 22x + 105 = 0$**
   $y^2 - 27y + 162 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

5. **$(x - 18)^2 = 0$**
   $y^2 = 324$

   A. X > Y

   B. X < Y

   C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

6. **$x^2 - 41x + 400 = 0$**
   $y^2 - 29y + 210 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

7. **$x^2 - 25x + 156 = 0$**
   $y^2 - 32y + 255 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

8. $x^2 - 35x + 294 = 0$
   $y^2 - 23y + 132 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

9. $x^2 = 64$
   $y^2 - 34y + 289 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

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10. $x^2 - 29x + 208 = 0$

$y^2 - 32y + 255 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

1. **The ratio of the present age of Bala to that of Arnav is 3 : 11. Arnav is 12 years younger than Rahim. Rahim's age after 7 years will be 85 years.**

Quantity I: The present age of Bala's father, who is 25 years older than Bala

Quantity II: Rahim's present age

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Mr. Ramesh bought two watches which together cost him Rs.440. He sold one of the watches at a loss of 20% and the other one at a gain of 40%. The selling price of both watches are same.**
Quantity I: SP and CP one of the watches sold at a loss of 20%
Quantity II: SP and CP one of the watches sold at a profit of 40%
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

3. **Ravi, Hari and Sanjay are three typists, who working simultaneously, can type 228 pages in four hours. In one hour, Sanjay can type as many pages more than Hari as Hari can type more than Ravi. During a period of five hours, Sanjay can type as many passages as Ravi can, during seven hours.**
Quantity I: Number of pages typed by Ravi
Quantity II: Number of pages typed by Hari
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

4. **The length of a rectangle wall is 3/2 times of its height. The area of the wall is 600m².**

Quantity I: Height of the wall

Quantity II: Length of the wall

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **Quantity I: $x^2 - 26x + 168 = 0$**
   Quantity II: $y^2 - 29y + 210 = 0$
   A. Quantity I > Quantity II
   B. Quantity I < Quantity II
   C. Quantity I ≥ Quantity II
   D. Quantity I ≤ Quantity II
   E. Quantity I = Quantity II or relation cannot be established

   Answer & Explanation

6. **Quantity I: $x^2 - 21x + 110 = 0$**
   Quantity II: $y^2 - 18x + 80 = 0$
   A. Quantity I > Quantity II
   B. Quantity I < Quantity II
   C. Quantity I ≥ Quantity II
   D. Quantity I ≤ Quantity II
   E. Quantity I = Quantity II or relation cannot be established

   Answer & Explanation

7. **A Cistern has an inlet pipe and outlet pipe. The inlet pipe fills the cistern completely in 1 hour 20 minutes when the outlet pipe is plugged. The outlet pipe empties the tank completely in**

6 hours when the inlet pipe is plugged.

Quantity I: X = Inlet Pipe Efficiency

Quantity II: Y = Outlet Pipe Efficiency

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

8. **Out of 14 applicants for a job, there are 6 women and 8 men. It is desired to select 2 persons for the job.**

Quantity I: Probability of selecting no woman

Quantity II: Probability of selecting at least one woman

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

9. **A basket contains 6 White 4 Black 2 Pink and 3 Green balls. If four balls are picked at random,**

Quantity I: Probability that at least one is Black.

Note: The Information Provided here is only for reference. It May vary the Original.

Quantity II: Probability that all is Black.

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

10. **Two pipes A and B can fill a tank in 12 hours and 18 hours respectively. The pipes are opened simultaneously and it is found that due to leakage in the bottom of the tank it took 48 minutes excess time to fill the cistern.**

Quantity I: Due to leakage, time taken to fill the tank

Quantity II: Time taken to empty the full cistern

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

1. **Mr. Ramesh has three daughters namely Rohini, Anita and Keerthi. Rohini is the eldest daughter of Mr. Ramesh while Keerthi is the youngest one. The present ages of all three of them are square numbers. The sum of their ages after 5 years is 44.**

Quantity I: The age of Rohini and Anita after two years

Quantity II: The age of Rohini and Keerthi after four years

A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

2. **A sum of Rs. 8800 is to be divided among three brothers Anil, Deepak and Ramesh in such a way that simple interest on each part at 5% per annum after 1, 2 and 3 year respectively remains equal.**
Quantity I: Share of Ramesh
Quantity II: Share of Anil
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

3. **Person A sold his car to Person B at a profit of 20% and B sold it to C at a profit of 10%. Person C sold it to a mechanic at a**

loss of 9.09%. Mechanic spent 10% of his purchasing price and then sold it at a profit of 8.33% to Person "A" once again
Quantity I: Selling Price of A
Quantity II: Selling Price of C

A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

4. **Smallest side of a right-angled triangle is 13 cm less than the side of a square of perimeter 72 cm. The second largest side of the right angled triangle is 2 cm less than the length of the rectangle of area 112 cm² and breadth 8 cm.**
Quantity I: Six more than the side of the right-angled triangle(not the smallest)
Quantity II: The Sum of Hypotenuse of the right-angled triangle and the smallest side

Note: The Information Provided here is only for reference. It May vary the Original.

A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

5. **Quantity I: $(x - 36)^2 = 0$**
Quantity II: $y^2 = 1296$
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

6. **Two pipes P and Q can fill a cistern in 10 hours and 20 hours respectively. If they are opened simultaneously. Sometimes later, tap Q was closed, then it takes total 8 hours to fill up the whole tank.**

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Quantity I: x = Pipe "Q" Efficiency. y = net efficiency

Quantity II: x = Pipe "P" Efficiency. y = net efficiency

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

7. **In an office there are 40% female employees. 50% of the male employees are UG graduates. The total 52% of employees are UG graduates out of 1800 employees.**

Quantity I: Male Employees who are UG Graduates

Quantity II: Female Employees who are UG Graduates

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **Suresh spends 23% of an amount of money on an insurance policy, 33% on food, 19% on children's education and 16% on recreation. He deposits the remaining amount of Rs. 504 in bank.**
Quantity I: Amount spend on food and insurance policy together
Quantity II: Amount spend on children's education and recreation together
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

9. **Last year there were 610 boys in a school. The number decreased by 20 percent this year. The number of girls is 175 percent of the total number of boys in the school this year.**
Quantity I: Total number of boys in the school this year.
Quantity II: Half of total number of Girls in the school this year.
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

10. **Two persons A and B start from the opposite ends of a 450 km straight track and run to and from between the two ends. The speed of the first person is 25 m/s and the speed of other is 35 m/s. They continue their motion for 10 hours.**
Quantity I: First person speed
Quantity II: Second person speed
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

1. **The respective ratio between the present age of Mohan and David is 5:x. Mohan is 9 years younger than Preethi. Preethi's age after 9 years will be 33 years. The difference between David's and Mohan's age is same as the present age of Preethi.**
Quantity I: Mohan's present age
Quantity II: The value of x
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

2. **Sri invested some amount(x) at the rate of 12% simple interest and a certain amount(y) at the rate of 10% simple interest. He received yearly interest of Rs.140. But if he had interchanged the amounts invested, he would have received Rs.4 more as interest.**

Quantity I: The value of x

Quantity II: The value of y

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. **Ajith can do a piece of work in 10 days, Bala in 15 days. They work together for 5 days, the rest of the work is finished by Chand in two more days. They get Rs. 6000 as wages for the whole work.**
   Quantity I: What is the sum of Rs.100 and the daily wage of Bala?
   Quantity II: What is the daily wage of Chand?
   A. Quantity I > Quantity II
   B. Quantity I < Quantity II
   C. Quantity I ≥ Quantity II
   D. Quantity I ≤ Quantity II
   E. Quantity I = Quantity II or relation cannot be established

   Answer & Explanation

4. **A Bike is available at 40% discount at showroom "A" and the same is available at only 25% discount at showroom "B". Mr. Arun has just sufficient amount of Rs. 60,000 to purchase it at showroom "A".**
   Quantity I: Difference between Marked Price and SP at Show Room "A"
   Quantity II: Difference between Marked Price and SP at Show Room "B"

Note: The Information Provided here is only for reference. It May vary the Original.

A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

5. **Quantity I: $(x - 18)^2 = 0$**
Quantity II: $y^2 = 324$
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

6. **A Cistern has an inlet pipe and outlet pipe. The inlet pipe fills the cistern completely in 1 hour 20 minutes when the outlet**

pipe is plugged. The outlet pipe empties the tank completely in 4 hours when the inlet pipe is plugged.

Quantity I: Inlet pipe Efficiency

Quantity II: 3 times of Outlet pipe Efficiency

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

7. **Harish took an educational loan from a nationalized bank for his 2 years course of MBA. He took the loan of Rs.5 lakh such that he would be charged at 7% p.a. at CI during his course and at 9% CI after the completion of the course. He returned half of the amount which he had to be paid on the completion of his studies and remaining after 2 years.**

Quantity I: He returned half of the amount which he had to be paid on the completion of his studies

Quantity II: He returned remaining amount after 2 years

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **The average salary of the entire staff in an office is Rs 250 per month. The average salary of officers is Rs 520 and that of non-officers is Rs. 200.**
Quantity I: Number of Officers = 15
Quantity II: Number of Non-Officers
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

9. **The perimeter of a rectangle and a square is 160 cm each. If the difference between their areas is 600 cm.**
Quantity I: Area of Square
Quantity II:Area of Rectangle
A. Quantity I > Quantity II
B. Quantity I < Quantity II
C. Quantity I ≥ Quantity II
D. Quantity I ≤ Quantity II
E. Quantity I = Quantity II or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

10. **Shree started traveling from a place A to B and Priya started traveling from a place B to A which are 576 km apart. They meet after 12 hours. After their meeting, Shree increased her speed by 2 km/hr and Priya reduced her speed by 2 km/hr, they arrived at B and A respectively at the same time.**

Quantity I: Initial Speed of Shree

Quantity II: Initial Speed of Priya

A. Quantity I > Quantity II

B. Quantity I < Quantity II

C. Quantity I ≥ Quantity II

D. Quantity I ≤ Quantity II

E. Quantity I = Quantity II or relation cannot be established

Answer & Explanation

1. $x^2 - 11x + 28 = 0$

$y^2 - 14y + 48 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. $x^2 - 31x + 228 = 0$
   $y^2 - 21y + 108 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

3. $x^2 + 31x + 234 = 0$
   $y^2 + 21y + 104 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. $x^2 - 20x + 84 = 0$

   $y^2 - 24y + 135 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

5. $(x - 14)^2 = 0$

   $y^2 = 196$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. $x^2 - 43x + 450 = 0$
   $y^2 - 32y + 255 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

7. $x^2 - 27x + 182 = 0$
   $y^2 - 36y + 323 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

8. $x^2 - 37x + 322 = 0$
   $y^2 - 22y + 120 = 0$
   A. X > Y

Note: The Information Provided here is only for reference. It May vary the Original.

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

9. **$x^2 = 81$**

$y^2 - 30y + 225 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

10. **$x^2 - 30x + 221 = 0$**

$y^2 - 33y + 270 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

Note: The Information Provided here is only for reference. It May vary the Original.

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

1. **$x^2 - 11x + 28 = 0$**

   $y^2 - 14y + 48 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

2. **$x^2 - 31x + 228 = 0$**

   $y^2 - 21y + 108 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. $x^2 + 31x + 234 = 0$

   $y^2 + 21y + 104 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

4. $x^2 - 20x + 84 = 0$

   $y^2 - 24y + 135 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. $(x - 14)^2 = 0$
   $y^2 = 196$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

6. $x^2 - 43x + 450 = 0$
   $y^2 - 32y + 255 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

7. $x^2 - 27x + 182 = 0$
   $y^2 - 36y + 323 = 0$
   A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

8. $x^2 - 37x + 322 = 0$

   $y^2 - 22y + 120 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

9. $x^2 = 81$

   $y^2 - 30y + 225 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

10. **$x^2 - 30x + 221 = 0$**

$y^2 - 33y + 270 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

1. **$x^2 - 10x + 24 = 0$**

$y^2 - 14y + 48 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. $x^2 - 30x + 216 = 0$

   $y^2 - 23y + 132 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

3. $x^2 + 32x + 247 = 0$

   $y^2 + 20y + 91 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. $x^2 - 21x + 98 = 0$
   $y^2 - 23y + 120 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

5. $(x - 16)^2 = 0$
   $y^2 = 256$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

6. $x^2 - 43x + 450 = 0$
   $y^2 - 33y + 272 = 0$
   A. X > Y

Note: The Information Provided here is only for reference. It May vary the Original.

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

7. **$x^2 - 28x + 195 = 0$**
   $y^2 - 35y + 306 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

8. **$x^2 - 38x + 345 = 0$**
   $y^2 - 23y + 130 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

9. $x^2 = 64$

$y^2 - 30y + 225 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

10. $x^2 - 30x + 221 = 0$

$y^2 - 31y + 240 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

1. $x^2 - 10x + 24 = 0$
   $y^2 - 14y + 48 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

2. $x^2 - 30x + 216 = 0$
   $y^2 - 23y + 132 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

3. $x^2 + 32x + 247 = 0$
   $y^2 + 20y + 91 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

4. $x^2 - 21x + 98 = 0$
   $y^2 - 23y + 120 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

5. $(x - 16)^2 = 0$
   $y^2 = 256$
   A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

6. **$x^2 - 43x + 450 = 0$**
   $y^2 - 33y + 272 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

7. **$x^2 - 28x + 195 = 0$**
   $y^2 - 35y + 306 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

8. **$x^2 - 38x + 345 = 0$**

   $y^2 - 23y + 130 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

9. **$x^2 = 64$**

   $y^2 - 30y + 225 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

10. $x^2 - 30x + 221 = 0$

$y^2 - 31y + 240 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

1. $3x^2 - 11x + 10 = 0$

$4y^2 + 24y + 35 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. $2x^2 - 14x + 24 = 0$
   $y^2 + 30y + 224 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

3. $3x^2 + 20x + 33 = 0$
   $2y^2 - 13y + 21 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

4. $x^2 - 20x + 91 = 0$
   $y^2 - 34y + 273 = 0$
   A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

5. **$(x - 13)^2 = 0$**

   $y^2 = 169$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

6. **$x^2 - 38x + 312 = 0$**

   $y^2 - 40y + 336 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

Note: The Information Provided here is only for reference. It May vary the Original.

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

7. **$x^2 - 33x + 272 = 0$**
   $y^2 - 29y + 208 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

8. **$x^2 - 37x + 322 = 0$**
   $y^2 - 25y + 156 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

9. $x^2 = 81$

$y^2 - 22y + 121 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

10. $x^2 - 22x + 112 = 0$

$y^2 - 20y + 84 = 0$

A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

1. **$4x^2 + 8x + 3 = 0$**
   $4y^2 - 29y + 45 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

2. **$2x^2 - 23x + 21 = 0$**
   $y^2 + 42y + 272 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

   Answer & Explanation

3. **$5x^2 - 26x + 21 = 0$**
   $2y^2 - 17y + 21 = 0$
   A. X > Y

B. X < Y

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

4. **$x^2 - 21x + 104 = 0$**
   $y^2 - 33y + 260 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

5. **$x^2 - 31x + 240 = 0$**
   $y^2 - 28y + 195 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

Note: The Information Provided here is only for reference. It May vary the Original.

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

6. **$x^2 - 37x + 300 = 0$**
   $y^2 - 43y + 372 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

7. **$x^2 - 32x + 255 = 0$**
   $y^2 - 28y + 195 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

8. $x^2 + 39x + 368 = 0$
   $y^2 - 15y - 250 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

9. $4x^2 + 25x + 21 = 0$
   $3y^2 + 29y + 56 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. $x^2 - 17x + 72 = 0$
$6y^2 - 31y + 35 = 0$
A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y or relation cannot be established

Answer & Explanation

1. $2x^2 + 20x + 50 = 0$
$2y^2 + 22y + 56 = 0$
A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y or relation cannot be established

Answer & Explanation

2. $2x^2 - 13x + 21 = 0$
$y^2 - 33y + 272 = 0$

A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y or relation cannot be established

Answer & Explanation

3. $x^2 - 29x + 208 = 0$
$y^2 + 9y + 14 = 0$
A. X > Y
B. X < Y
C. X ≥ Y
D. X ≤ Y
E. X = Y or relation cannot be established

Answer & Explanation

4. $x^2 - 25x + 156 = 0$
$y^2 - 65y + 676 = 0$
A. X > Y
B. X < Y

Note: The Information Provided here is only for reference. It May vary the Original.

C. X ≥ Y

D. X ≤ Y

E. X = Y or relation cannot be established

Answer & Explanation

5. **$2x^2 - 7x + 6 = 0$**

   $2y^2 - 9y + 10 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

   Answer & Explanation

6. **$x^2 - 39x + 324 = 0$**

   $y^2 - 47y + 420 = 0$

   A. X > Y

   B. X < Y

   C. X ≥ Y

   D. X ≤ Y

   E. X = Y or relation cannot be established

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

7. $x^2 - 31x + 240 = 0$
   $y^2 - 29y + 210 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

8. $x^2 + 40x + 391 = 0$
   $y^2 - 20y - 525 = 0$
   A. X > Y
   B. X < Y
   C. X ≥ Y
   D. X ≤ Y
   E. X = Y or relation cannot be established

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.